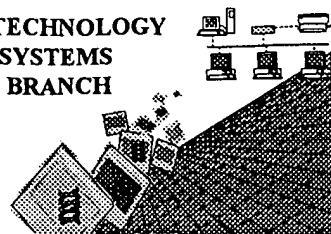BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: _09/857,524_

Source: _PU/09_

Date Processed by STIC: _7/15/2002_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
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        http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is
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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission
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3. Hand Carry directly to:
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Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
        Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002

PCT09

RAW SEQUENCE LISTING   DATE: 07/15/2002
PATENT APPLICATION: US/09/857,524   TIME: 12:09:01

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\07152002\I857524.raw

```
   3 <110> APPLICANT: E. I. du Pont de Nemours and Company
   5 <120> TITLE OF INVENTION: Membrane-Bound Desaturases
   7 <130> FILE REFERENCE: BB1264
   9 <140> CURRENT APPLICATION NUMBER: US/09/857,524
  10 <141> CURRENT FILING DATE: 2002-06-21
  12 <150> PRIOR APPLICATION NUMBER: 60/110,784
  13 <151> PRIOR FILING DATE: (1998-December-03) 1998-12-03 ← use this date format
  15 <160> NUMBER OF SEQ ID NOS: 17
  17 <170> SOFTWARE: Microsoft Office 97
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

```
 987 <210> SEQ ID NO: 14    35 shown
 988 <211> LENGTH: (38) 35 shown
 989 <212> TYPE: DNA
 990 <213> ORGANISM: Artificial Sequence
 992 <220> FEATURE:
 993 <223> OTHER INFORMATION: Definition of Artificial Sequence:PCR primer for 5' of
pk0011.d5
 995 <400> SEQUENCE: 14
 996 tttgcggccg caaatcaatg gaagaagcaa  agaag                              (35)
1082 <210> SEQ ID NO: 17
1083 <211> LENGTH: 114
1084 <212> TYPE: PRT
1085 <213> ORGANISM: Triticum aestivum
1087 <400> SEQUENCE: 17
1088 Met Pro Ala Ala Ser Lys Asp Ala Ala Asp Val Arg Met Ile Ser Thr
1089  1               5                  10                  15
1091 Lys Glu Leu Gln Ala His Ala Ala Ala Asp Asp Leu Trp Ile Ser Ile
1092              20                  25                  30
1094 Ser Gly Asp Val Tyr Asp Val Thr Pro Trp Leu Arg His His Pro Gly
1095              35                  40                  45
1097 Gly Glu Val Pro Leu Ile Thr Leu Ala Gly Gln Asp Ala Thr Asp Ala
1098          50                  55                  60
1100 Phe Met Ala Tyr His Pro Pro Ser Val Arg Pro Leu Leu Arg Arg Phe
1101  65                  70                  75                  80
1103 Phe Val Gly Arg Leu Thr Asp Tyr Thr Val Pro Pro Ala Ser Ala Asp
1104              85                  90                  95
1106 Phe Arg Arg Leu Leu Ala Gln Leu Ser Ser Ala Gly Leu Phe Glu Arg
1107             100                 105                 110
1109 Val Gly
1111 (19) delete
```

FYI Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/857,524

DATE: 07/15/2002
TIME: 12:09:02

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\07152002\I857524.raw**

```
L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:52 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:1
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1380
L:353 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480
L:355 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
L:356 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
L:357 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:720
L:358 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:780
L:359 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840
L:421 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:160
L:427 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:192
L:436 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
L:996 M:252 E: No. of Seq. differs, <211> LENGTH:Input:38 Found:35 SEQ:14
L:1067 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:1075 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:480
L:1078 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:660
L:1079 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:720
L:1080 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:780
L:1111 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17
```